DATALOGIC

QuickScan™ Mobile

General Purpose Handheld Linear Imager Bar Code Reader with Datalogic's STAR Cordless System™

Quick Reference Guide

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Patents

This product may be covered by one or more of the following patents:

Utility patents: EP0789315B1; EP0851378B1; EP0895175B1; EP1128314B1; EP1164536B1; EP1205871B1; EP1205873B1;

EP1942442B1; US5992740; US6305606; US6517003; US6712271; US6834806; US6871785; USRE41349

Additional patents pending.

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NOTES

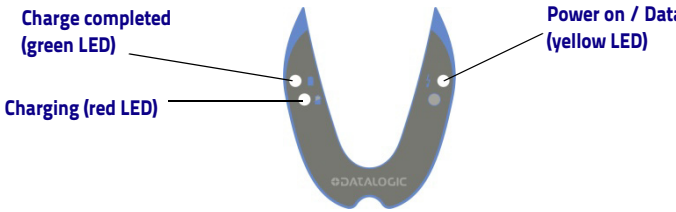
Using Quickscan™ Mobile Reader and Cradle

The QuickScan Mobile reader and cradle build a Cordless Reading System for the collection, decoding and transmission of barcode data.

Standard models can be connected to a Host PC through a USB, RS-232, Wedge or Pen emulation cable. All models are suited for single-cradle layouts.

The LEDs signal the QuickScan Mobile cradle status, as described in the following table:

	LED	BEEPER	STATUS
	Power on / Data	-	Yellow On = QuickScan® Mobile cradle is powered. Yellow Blinking = the cradle receives data and commands from the Host or the reader.
	Charging	-	Red On = the battery charge is in progress.
	Charge completed	-	Green On = the battery is completely charged.
	Alternating red/green	Repetitive beep	Charging out of temperature range, over-current or over-voltage conditions

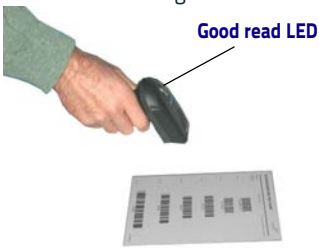


Reading Angle

QuickScan™ Mobile readers automatically scan barcodes **at a distance**. Simply aim and pull the trigger. Code scanning is performed along the center of the light bar emitted from the reading window. This bar must cover the entire code.

Successful scanning is obtained by tilting the reader with respect to the barcode to avoid direct reflections, which could impair the reading performance. See the figures below.

Successful reading is indicated by an audible tone.



OK

Not Recommended

Hands-Free Use

When using the QuickScan Mobile on the cradle, remember to lock the reader by pushing up the locking system as indicated in the following figure.

Using Your QuickScan™ Mobile Reading System

Follow the procedure below to start using your QuickScan Mobile reading system:

1. Connect a QuickScan Mobile cradle to the Host. For installation and connection information see "System Connections" on page 7.
2. Insert the QuickScan Mobile reader into the cradle to start the battery charging.

   A full charge of the Lithium battery takes 3.5 – 6 hours.

To achieve the best battery life, it is recommended to perform a full battery charge before using the reader in handheld mode.

   For hands-free use, you can immediately begin using the reader, since it is powered by the cradle.

3. Configure the QuickScan Mobile reader.
4. Configure the QuickScan Mobile cradle. Reference "QuickScan Mobile Cradle Configuration" on page 10.

Installing the Battery

To install, charge and/or do any other action on the battery, follow the instructions in this manual.

Battery Safety

Datalogic recommends annual replacement of rechargeable battery packs to ensure maximum performance.

WARNING

Do not discharge the battery using any device except the scanner. When the battery is used in devices other than the designated product, it may damage the battery or reduce its life expectancy. If the device causes an abnormal current to flow, it may cause the battery to become hot, explode or ignite and cause serious injury.

Lithium-ion battery packs may get hot, explode or ignite and cause serious injury if exposed to abusive conditions. Be sure to follow the safety warnings that follow:

- **Do not place the battery pack in fire or heat.**
- **Do not connect the positive terminal and negative terminal of the battery pack to each other with any metal object (such as wire).**
- **Do not carry or store the battery pack together with metal objects.**

- **Do not pierce the battery pack with nails, strike it with a hammer, step on it or otherwise subject it to strong impacts or shocks.**
- **Do not solder directly onto the battery pack.**
- **Do not expose the battery pack to liquids, or allow the battery to get wet.**
- **Do not apply voltages to the battery pack contacts.**

In the event the battery pack leaks and the fluid gets into your eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

Always charge the battery at 32° – 113°F (0° - 45°C) temperature range.

Use only the authorized power supplies, battery pack, chargers, and docks supplied by your Datalogic reseller. The use of any other power supplies can damage the device and void your warranty.

Do not disassemble or modify the battery. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode or ignite.

Do not place the battery in or near fire, on stoves or other high temperature locations.

Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Doing so may cause the battery to generate heat, explode or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.

Do not place the battery in microwave ovens, high-pressure containers or on induction cookware.

Immediately discontinue use of the battery if, while using, charging or storing the battery, the battery emits an unusual smell, feels hot, changes color or shape, or appears abnormal in any other way.

Do not replace the battery pack when the device is turned on.

Do not remove or damage the battery pack's label.

Do not use the battery pack if it is damaged in any part. Battery pack usage by children should be supervised.

As with other types of batteries, Lithium-Ion (LI) batteries will lose capacity over time. Capacity deterioration is noticeable after one year of service whether the battery is in use or not. It is difficult to precisely predict the finite life of a LI battery, but cell manufacturers rate them at 500 charge cycles. In other words, the batteries should be expected to take 500 full discharge / charge cycles before needing replacement. This number is higher if partial discharging / recharging is adhered to rather than full / deep discharging.

The typical manufacturer advertised useful life of LI batteries is one to three years, depending on usage and number of charges, etc., after which they should be removed from service, especially in mission critical applications. Do not continue to use a battery that is showing excessive loss of capacity, it should be properly recycled / disposed of and replaced. For most applications, batteries should be replaced after one year of service to maintain customer satisfaction and minimize safety concerns.

Collect and recycle waste batteries separately from the device in comply with European Directive 2006/66/EC, 2011/65/EU, 2002/96/EC and 2012/19/EU and subsequent modifications, US and China regulatory and others laws and regulations about the environment.

Changing the Batteries

To change the battery of your reader, you must:

1. Unscrew the battery cover screw (Figure 1-A)
2. Unplug the white connector and remove the old battery (Figure 1-B)
3. Insert the new battery and plug in the white connector (Figure 1-C)

When inserting the new battery into the handle be sure to position the battery and the connector as shown below.

Figure 1. Changing the Battery

4. Re-insert the cover in the handle, and replace the screw to secure it.

WARNING

Do not incinerate, disassemble, short terminals or expose to high temperature. Risk of fire, explosion. Use specified charger only. Risk of explosion if the battery is replaced by an incorrect type. Dispose of the batteries as required by the relevant laws in force.

Connecting the QuickScan Mobile

CAUTION

Connections should always be made with power off!

You can connect the QuickScan™ Mobile cradle to the Host through the dedicated connector, using the cable corresponding to the desired interface type.

1. Connect the appropriate interface cable to the cradle by simply plugging it into the Host connector on the base of the cradle.

Figure 2. QuickScan Mobile Cradle - Bottom View

2. To disconnect the cable, insert a paper clip or other similar object into the hole corresponding to the connector on the base of the cradle. Push down on the clip while unplugging the cable. Refer to the following figure.

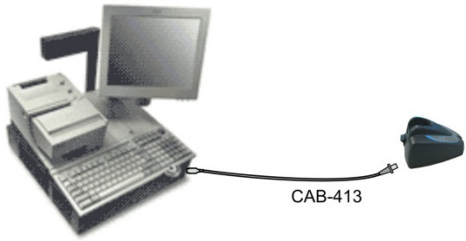
Figure 3. Disconnecting the cable

System Connections

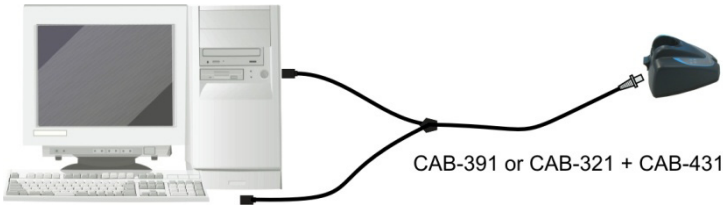
RS-232

USB

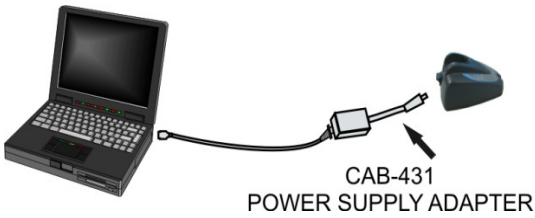
IBM USB POS



WEDGE (Only for Quickscan M2 type:130)

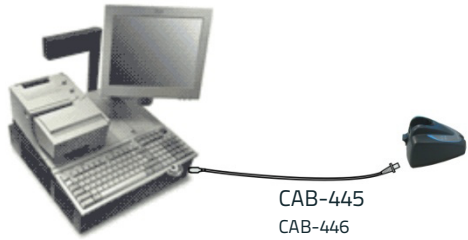


WEDGE (Only for QUICKSCAN M2 TYPE:130)



PEN

IBM PORT9B / IBM Port 5B (Only for QUICKSCAN M2 TYPE:110)



QuickScan Mobile Cradle Configuration

The QuickScan Mobile cradle configuration can be performed in two ways: either by sending configuration strings from the Host via the RS-232 or USB-COM interface or by reading configuration barcodes with the reader.

Serial/USB-COM Configuration

By connecting the QuickScan Mobile cradle to a PC through an RS-232 or USB cable (only USB-COM interface) it is possible to send configuration strings from the PC to the reader. Using this method you can also send new configuration strings from the PC to the reader or upgrade application software onto the reader.

QuickScan Mobile Reader Configuration

When the QuickScan Mobile cradle is connected and powered, configure the QuickScan® Mobile reader by reading the following codes in the given sequence and follow the instructions.

For the numeric code selection of step 3, use the table at the end of this Quick Reference Guide.

1. Restore QuickScan Mobile default

2. Enter configuration

3. Set Radio Address

   +

   four digits for the QuickScan Mobile Address (from 0000 to 1999).

   All readers used in the same area must have different addresses.

4. Exit and Save configuration

5. Read the **Bind** code to pair the QuickScan™ Mobile reader to the cradle.

   The reader is dedicated to the cradle. Any previously **bound** reader will be excluded.

   Bind

   The green LED on the QuickScan Mobile reader will blink: the reader is ready to be positioned onto the cradle.

6. Firmly position the reader onto the cradle within 10 seconds, a beep will be emitted, signaling that the QuickScan Mobile cradle has been paired to the QuickScan Mobile reader.

YOUR READER IS NOW READY TO READ CODES.

7. Now you can configure the QuickScan Mobile cradle by reading configuration barcodes.

Interface Selection

Follow the procedure to configure the interface required by your application.

Multi-standard interface models:

- USB Interface
- RS-232 Interface
- Wedge Interface
- Pen Interface

USB Interface Configuration

The USB interface is compatible with:

- Windows 98 (and later)
- Mac SO 8.0 (and later)
- 4690 Operating System

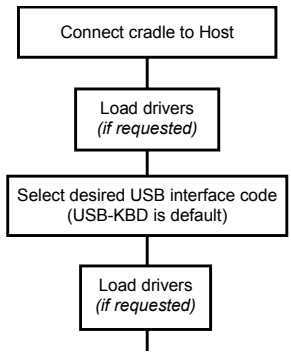
START-UP

As with all USB devices, upon connection, the Host performs several checks by communicating with the cradle. Before the cradle is ready, the correct USB driver must be loaded.

For all systems, the correct USB driver for the default USB-KBD interface is included in the Host Operating System and will either be loaded automatically or will be suggested by the O.S. and should therefore be selected from the dialog box (the first time only).

You can now read codes with the associated QuickScan Mobile reader. At this point you can read the USB interface configuration code according to your application. Load drivers from the O.S. (if requested). When configuring the USB-COM interface, the relevant files and drivers must be installed from the USB Device Installation software which can be downloaded from the web site: http://www.datalogic.com.

The cradle is ready.



Successive start-ups will automatically recognize the previously loaded drivers.

USB Interface Selection

USB-KBD (default)

USB-KBD-ALT-MODE

USB-KBD-APPLE

USB-COM*

USB-IBM-Table Top

USB-IBM-Hand Held

* When configuring USB-COM, the relevant files and drivers must be installed from the USB Device Installation software, which can be downloaded from the web site http://www.datalogic.com.

Select one keyboard nationality code from the table at page 18.

RS-232 Interface Selection

Read the QuickScan™ Mobile cradle restore default code, and then read the interface selection code for your application:

RESTORE QUICKSCAN MOBILE CRADLE DEFAULT

RS-232 Interface

Standard

POS TERMINALS

Nixdorf Mode A

Fujitsu

ICL Mode

Wedge Interface Selection

This feature is only available for Quickscan M2 Type:130

Read the QuickScan™ Mobile cradle restore default code, then read the interface selection code for your application:

RESTORE QUICKSCAN MOBILE CRADLE DEFAULT

WEDGE INTERFACE

IBM AT or PS/2 PCs

IBM XT

PC Notebook

IBM SURE1

IBM Terminal 3153

WEDGE INTERFACE (CONTINUED)

IBM Terminals 31xx, 32xx, 34xx, 37xx:

To select the interface for these IBM Terminals, read the correct KEY TRANSMISSION code. Select the KEYBOARD TYPE if necessary (default = advanced keyboard).

KEY TRANSMISSION MODE

make-only keyboard

make-break keyboard

KEYBOARD TYPE

advanced keyboard

typewriter keyboard

ALT MODE

The following interface selection allows barcodes sent to the PC to be interpreted correctly independently from the Keyboard Nationality used. **You do not need to make a Keyboard Nationality selection.**

(default = Num Lock Unchanged)

Make sure the Num Lock key on your keyboard is ON.

IBM AT - ALT mode

PC Notebook - ALT mode

WEDGE INTERFACE (CONTINUED)

WYSE TERMINALS

ANSI Keyboard

PC Keyboard

ASCII Keyboard

VT220 style Keyboard

DIGITAL TERMINALS

VT2xx/VT3xx/VT4xx

APPLE

APPLE ADB Bus

USB / Wedge Keyboard Nationality

USB/Wedge interface users should select one of the following KEYBOARD NATIONALITY codes.

Belge

Deutsch

English (UK)

Español

Français

Italiano

Svenskt

USA

The following Keyboard Nationality selection is only valid for IBM AT compatible PCs:

Japanese

IBM46xx Interface Selection

This feature is only available for Quickscan M2 Type:110

Read the QuickScan™ Mobile cradle restore default code, then read the interface selection code for your application:

RESTORE QUICKSCAN MOBILE CRADLE DEFAULT

IBM 46XX TERMINALS
PORT 9B 4501 Protocol (typical)
1520 Protocol

IBM 46XX TERMINALS
PORT 5B 1520 Protocol (typical)
4501 Protocol

Pen Interface Selection

Read the QuickScan™ Mobile cradle restore default code, then read the interface selection code for your application:

RESTORE QUICKSCAN MOBILE CRADLE DEFAULT

PEN INTERFACE

Operating Test

Read the TEST codes below.

EAN-8

EAN-13

Code 39 (Normal)

Code 128

Interleaved 2 of 5

YOUR SYSTEM IS READY TO READ CODES AND TO SEND THE DATA TO THE HOST.

To change the defaults, refer to the "QuickScan™ Mobile Reference Manual", part number 820001971, or to the Datalogic Aladdin™ Configuration program, both downloadable from the website.

Reader Default Configuration

DATA FORMAT

code identifier disabled (enabled for POS terminals), field adjustment disabled, code length tx not transmitted, character replacement disabled, address stamping disabled; address delimiter disabled

POWER SAVE

sleep state/USB suspend disabled, enter sleep timeout = 0.6 sec

READING PARAMETERS

hand-held operation = hardware trigger, stand operation = automatic, trigger active level, no timeout, Flash On = 1 sec, Flash Off = 0.6 sec, one read per cycle, safety time 0.5 sec, beeper intensity high, tone 2, beeper type monotone, beeper length short, good read spot duration medium, automatic operation aiming light enabled

DECODING PARAMETERS

ink spread enabled, overflow control enabled, interdigit control enabled, Puzzle Solver™ disabled, decoding safety = one read

CODE SELECTION

Enabled codes

- EAN 8/EAN 13 / UPC A/UPC E without ADD ON
  check digit transmitted, no conversions
- Interleaved 2/5
  check digit control and transmission, variable length code; 4-99 characters
- Standard Code 39
  no check digit control, variable length code; 1-99 characters
- Code 128
  variable length code; 1-99 characters
- EAN 128, ISBT128, Code 93, Codabar, pharmaceutical codes, MSI, Plessey, Telepen, Delta IBM, Code 11, Code 16K, Code 49,
  GS1 DataBar™ (GS1 DataBar™ includes the following symbologies: RSS-14, RSS-14 Stacked, RSS Expanded and RSS Limited).

ADVANCED FORMATTING PARAMETERS

concatenation disabled, no advanced formats defined

RADIO PARAMETERS

radio protocol timeout = 2 seconds, power-off timeout = 4 hours, single store disabled, beeper control for radio response = normal

Cradle Default Configuration

USB DEFAULT SETTINGS

DATA FORMAT: code identifier disabled, code length not transmitted, character replacement disabled, address stamping disabled, address delimiter disabled.

USB KEYBOARD: USA keyboard, FIFO enabled, inter-character and inter-code delays disabled.

USB COM: handshaking disabled, delay disabled, rx timeout 5 sec., ack/nack disabled, FIFO enabled, serial trigger lock disabled.
Default Headers and Terminators for each USB mode:

- USB-KBD: no header, terminator = ENTER
- USB-KBD-ALT-MODE: no header, terminator = CR
- USB-COM: no header, terminator = CR-LF
- USB-IBM-TABLE TOP: not applicable
- USB-IBM-HAND HELD: not applicable

RS-232 Standard DEFAULT SETTINGS

9600 baud, no parity, 8 data bits, 1 stop bit, handshaking disabled, ACK/NACK disabled, FIFO enabled, inter-character delay disabled, 5 sec. rx timeout, serial trigger lock disabled.

DATA FORMAT: code identifier disabled, code length not transmitted, no header, terminator = CR-LF, character replacement disabled, address stamping disabled, address delimiter disabled.

RS-232 Nixdorf DEFAULT SETTINGS

9600 baud, odd parity, 8 data bits, 1 stop bit, handshaking hardware (RTS/CTS), ACK/NACK disabled, FIFO disabled, inter-character delay disabled, 9.9 sec. rx timeout, serial trigger lock disabled.

DATA FORMAT: code identifier enabled, code length not transmitted, no header, terminator = CR, character replacement disabled, address stamping disabled, address delimiter disabled.

RS-232 Fujitsu DEFAULT SETTINGS

9600 baud, no parity, 8 data bits, 1 stop bit, handshaking disabled, ACK/NACK disabled, FIFO enabled, inter-character delay disabled,
2 sec. rx timeout, serial trigger lock disabled.

DATA FORMAT: code identifier enabled, code length not transmitted, no header, terminator = CR, character replacement disabled, address stamping disabled, address delimiter disabled.

RS-232 ICL DEFAULT SETTINGS

9600 baud, even parity, 8 data bits, 1 stop bit, handshaking RTS always on, ACK/NACK disabled, FIFO enabled, inter-character delay disabled,
9.9 sec. rx timeout, serial trigger lock disabled.

DATA FORMAT: code identifier enabled, code length not transmitted, no header, terminator = CR, character replacement disabled, address stamping disabled, address delimiter disabled.

WEDGE DEFAULT SETTINGS (only for Quickscan M2 Type:130)

USA keyboard, caps lock off, caps lock auto-recognition enabled; num lock unchanged, inter-character and inter-code delay disabled.

DATA FORMAT: code identifier disabled, code length not transmitted, no header, terminator = ENTER, character replacement disabled, address stamping disabled, address delimiter disabled.

IBM DEFAULT SETTINGS (only for Quickscan M2 Type:110)

DATA FORMAT: IBM Standard, code identifier disabled, no header, no terminator

PEN DEFAULT SETTINGS

Interpret operating mode, minimum output pulse 600 µs, conversion to Code 39, overflow medium, output level normal, idle level normal, inter-block delay disabled.

Technical Features

QuickScan® Mobile Reader and Cradle

Electrical Features - READER	
Battery Type	1 Lithium battery 700 mAh
Time of recharge Lithium	max 6 hours with USB cable
Operating autonomy	typical 20000 reads
Indicators	LED, Beeper
Max scan rate	235 scans/sec
Electrical Features - CRADLE	
Supply voltage	5 VDC ±5%
Power consumption	max. 4 W (charging)
LED Indicators	Battery charging **red** Charge completed **green** Power / Data **yellow**
Optical Features	
Sensor	CCD solid state (2088 pixels)
Illuminator Wavelength Max. LED Output Power	LED array 630 ~ 670 nm 0.33 mW
LED safety class	Class 1 EN 60825-1
Reading field	see reading table
Max. resolution	0.10 mm, 4 mils
PCS minimum	20% (Datalogic Test Chart)

Environmental Features – READER	
Working Temperature	0° to + 40 ° C (32° to 104 °F)
Storage Temperature (without battery)	-20° to 70 °C (-4° to 158 °F)
Humidity	90% non condensing
Drop resistance	IEC 68-2-32 Test ED 1.5 m (4 ft 9 in)
Protection class	IP30
Environmental Features - CRADLE	
Working temperature	0° to 40 °C (32° to 104 °F)
Storage temperature	-20° to 70 °C (-4° to 158 °F)
Humidity	90 % non condensing
Protection class	IP30
Mechanical Features – READER	
Weight (without batteries)	about 189 g (6.66 oz)
Dimensions	171 x 90 x 68 mm (6.72 x 3.54 x 2.80 in)
Material	Cycoloy C 2800 with desmopan 3855
Mechanical Features – CRADLE	
Weight	181 gr (6.38 oz)
Dimensions	80 x 130 x 90 mm (3.15 x 5.11 x 3.54 in)
Material	Cycoloy C 2800 with desmopan 3855

QuickScan® Mobile Radio Features

Radio Features	European Models	USA Models
Radio Frequency	433.92 MHz	910 MHz
Bit rate	19200 baud	36800 baud
Effective Radiated Power	<10 mW	<1 mW
Range (in open air)	12 m	12 m
RF Modulation	FSK	

Compliance

This device must be opened by qualified personnel only.
The batteries must be removed before opening the device.

Power Supply

This device is intended to be supplied by a UL Listed/CSA Certified Power Unit marked "Class 2" or LPS power source rated 5 V, minimum 0.8 A and having a cable length <3 m.

Atencíon

Características de la fuente de alimentación eléctrica.

Entrada:	100 - 240 VCA min 350 mA 50-60 HZ.
Salida:	máx 5,2VDC, máx 2500mA (-)Negativo al centro

Utilice en su red solo fuentes certificadas en Argentina.

El uso de fuentes de alimentación no compatibles puede resultar en riesgo de incendio o de choque eléctrico para el usuario.

FCC Compliance

Modifications or changes to this equipment without the expressed written approval of Datalogic could void the authority to use the equipment.

This device complies with PART 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference which may cause undesired operation.

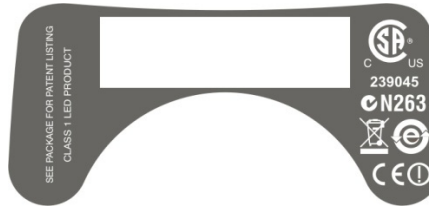
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

LED Class



QuickScan™ Mobile Product Label

Class 1 LED product.

Radio Compliance

EN60825-1:(2001)

Contact the competent authority responsible for the management of radio frequency devices of your country to verify the eventual necessity of a user license.
Refer to the web site http://europa.eu.int/comm/enterprise/rtte/spectr.htm for further information.

CE

Brazilian Certification Statement

ANATEL
Agência Nacional de Telecomunicações

2697-08-4727

(01)07898916345048

"Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário."

China RoHS Table of Restricted Elements (Scanner)

PART	部件名称	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
		有毒有害物质或元素					
		铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
Printed Circuit Board Assembly	电路板组件	X	O	O	O	O	O
Assy, Optics Block	光学组件	X	O	O	O	O	O
Assy, Module	光学组件	X	O	O	O	O	O

O: 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量。

X: 代表此种部件所用的均质材料中, 至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量

China RoHS Table of Restricted Elements (Base)

PART	部件名称	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
		有毒有害物质或元素					
		铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
Printed Circuit Board Assembly	电路板组件	X	O	O	O	O	O
Assy, Module	光学组件	X	O	O	O	O	O

O: 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量。

X: 代表此种部件所用的均质材料中, 至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量

WEEE Statement

	Waste Electrical and Electronic Equipment (WEEE) Statement

English
For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at www.datalogic.com.

Italian
Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web www.datalogic.com.

French
Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site internet www.datalogic.com.

German
Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.datalogic.com.

Spanish
Si desea información acerca de los procedimientos para el desecho de los residuos del equipo eléctrico y electrónico (WEEE), visite la página Web www.datalogic.com.

Portuguese
Para informações sobre a disposição de Sucatagem de Equipamentos Elétricos e Eletrônicos (WEEE -Waste Electrical and Electronic Equipment), consultar o site web www.datalogic.com.

Chinese
有关处理废弃电气电子设备（WEEE）的信息，请参考 Datalogic 公司的网站 www.datalogic.com/。

Japanese
廃電気電子機器（ＷＥＥＥ）の処理についての関連事項は Datalogic のサイト www.datalogic.com をご参照下さい。

Datalogic ADC Limited Factory Warranty

Warranty Coverage

Datalogic warranties this product against defects in workmanship and materials, for a period of 3 years (36 months) from the date of shipment, provided that the product is operated under normal and proper conditions. Datalogic ("Datalogic") hardware products are warranted against defects in material and workmanship under normal and proper use. The liability of Datalogic under this warranty is limited to furnishing the labor and parts necessary to remedy any defect covered by this warranty and restore the product to its normal operating condition. Repair or replacement of product during the warranty does not extend the original warranty term. Products are sold on the basis of specifications applicable at the time of manufacture and Datalogic has no obligation to modify or update products once sold.

If Datalogic determines that a product has defects in material or workmanship, Datalogic shall, at its sole option repair or replace the product without additional charge for parts and labor, or credit or refund the defective products duly returned to Datalogic. To perform repairs, Datalogic may use new or reconditioned parts, components, subassemblies or products that have been tested as meeting applicable specifications for equivalent new material and products. Customer will allow Datalogic to scrap all parts removed from the repaired product. The warranty period shall extend from the date of shipment from Datalogic for the duration published by Datalogic for the product at the time of purchase (Warranty period). Datalogic warrants repaired hardware devices against defects in workmanship and materials on the repaired assembly for a 90 day period starting from the date of shipment of the repaired product from Datalogic or until the expiration of the original warranty period, whichever is longer. Datalogic does not guarantee, and it is not responsible for, the maintenance of, damage to, or loss of configurations, data, and applications on the repaired units and at its sole discretion can return the units in the 'factory default" configuration or with any software or firmware update available at the time of the repair (other than the firmware or software installed during the manufacture of the product). Customer accepts responsibility to maintain a back up copy of its software and data.

Warranty Claims Process

In order to obtain service under the Factory Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the applicable Warranty period and obtain from Datalogic a return authorization number (RMA) for return of the product to a designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations. Failure to follow the applicable RMA policy, may result in a processing fee. Customer shall be responsible for return shipment expenses for products which Datalogic, at its sole discretion, determines are not defective or eligible for warranty repair.

Warranty Exclusions

The Datalogic Factory Warranty shall not apply to:

(i) any product which has been damaged, modified, altered, repaired or upgraded by other than Datalogic service personnel or its authorized representatives;

(ii) any claimed defect, failure or damage which Datalogic determines was caused by faulty operations, improper use, abuse, misuse, wear and tear, negligence, improper storage or use of parts or accessories not approved or supplied by Datalogic;

(iii) any claimed defect or damage caused by the use of product with any other instrument, equipment or apparatus;

(iv) any claimed defect or damage caused by the failure to provide proper maintenance, including but not limited to cleaning the upper window in accordance with product manual;

(v) any defect or damage caused by natural or man-made disaster such as but not limited to fire, water damage, floods, other natural disasters, vandalism or abusive events that would cause internal and external component damage or destruction of the whole unit, consumable items;

(vi) any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.;
(vii) the replacement of upper window/cartridge due to scratching, stains or other degradation and/or
(viii) any consumable or equivalent (e.g., cables, power supply, batteries, keypads, touch screen, triggers etc.).

No Assignment

Customer may not assign or otherwise transfer its rights or obligations under this warranty except to a purchaser or transferee of product. No attempted assignment or transfer in violation of this provision shall be valid or binding upon Datalogic.

DATALOGIC'S LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. DATALOGIC SHALL NOT BE LIABLE FOR ANY DAMAGES SUSTAINED BY CUSTOMER ARISING FROM DELAYS IN THE REPLACEMENT OR REPAIR OF PRODUCTS UNDER THE ABOVE. THE REMEDY SET FORTH IN THIS WARRANTY STATEMENT IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR WARRANTY CLAIMS. UNDER NO CIRCUMSTANCES WILL DATALOGIC BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY LOST PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL IN-DIRECT, SPECIAL OR CONTINGENT DAMAGES REGARDLESS OF WHETHER DATALOGIC HAD ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.

Risk of Loss

Customer shall bear risk of loss or damage for product in transit to Datalogic. Datalogic shall assume risk of loss or damage for product in Datalogic's possession. In the absence of specific written instructions for the return of product to Customer, Datalogic will select the carrier, but Datalogic shall not thereby assume any liability in connection with the return shipment.

Ergonomic Recommendations

In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.

- Reduce or eliminate repetitive motion
- Maintain a natural position
- Reduce or eliminate excessive force
- Keep objects that are used frequently within easy reach
- Perform tasks at correct heights
- Reduce or eliminate vibration
- Reduce or eliminate direct pressure
- Provide adjustable workstations
- Provide adequate clearance
- Provide a suitable working environment
- Improve work procedures

Services and Support

Datalogic provides several services as well as technical support through its website. Log on to www.datalogic.com and click on the links indicated for further information.

Products

Search through the links to arrive at your product page where you can download specific Manuals and Software & Utilities, including:

- Datalogic Aladdin™, a multi-platform utility program that allows device configuration using a PC. It provides RS-232 and USB-COM interface configuration, printing of configuration bar codes, and firmware upgrades.

Service & Support

- Technical Support - Product documentation and programming guides and Technical Support Department in the world
- Service Programs - Warranty Extensions and Maintenance Agreements
- Repair Services - Flat Rate Repairs and Return Material Authorization (RMA) Repairs
- Downloads – Manuals & Documentation, Data Sheets, Product Catalogues, etc.

Contact Us

- Information Request Form and Sales & Service Network

NOTES

DECLARATION OF CONFORMITY

CE 13

Datalogic ADC Srl, Via S. Vitalino, 13
Lippo di Calderara di Reno (BO) 40012 Italy

EC-048
Rev.: 3
Pag.: 1 di 1

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva di Datalogic ADC Srl per:
This Declaration of Conformity is issued under the sole responsibility of Datalogic ADC Srl for:
Cette déclaration de conformité est établie sous la seule responsabilité de Datalogic Srl pour:
Diese Konformitätserklärung wird unter der alleinigen Verantwortung des Datalogic ADC Srl erteilt für:
Esta declaración de conformidad se expide bajo la exclusiva responsabilidad de Datalogic ADC Srl para:

QUICKSCAN M21XX Kit 433Mhz ; Cordless System

e tutti i suoi modelli
and all its models
et tous ses modèles
und seine Modelle
y todos sus modelos

sono conformi alle Direttive del Consiglio Europeo sottoelencate:
are in conformity with the requirements of the European Council Directives listed below:
sont conformes aux spécifications des Directives de l'Union Européenne ci-dessous:
den nachstehenden angeführten Direktiven des Europäischen Rats:
cumple con los requisitos de las Directivas del Consejo Europeo, según la lista siguiente:

1999/5/EC - R&TTE Directive
2011/65/EU - RoHS Directive

Questa dichiarazione è basata sulla conformità dei prodotti alle norme seguenti:
This declaration is based upon compliance of the products to the following standards:
Cette déclaration repose sur la conformité des produits aux normes suivantes:
Diese Erklärung basiert darauf, daß das Produkt den folgenden Normen entspricht:
Esta declaración se basa en el cumplimiento de los productos con las siguientes normas:

ETSI EN 301 489-3 V1.4.1, August 2002:	*Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) Standard for Radio Equipment and Services; Part 3: Specific Conditions for Short-range Devices (SRD) Operating on Frequencies Between 9kHz and 40GHz*
EN 301 489-1 V1.8.1, April 2002:	*Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) Standard for Radio Equipment and Services; Part 1: Common Technical Requirements*
ETSI EN 300 220-2 V2.1.2, June 2007:	*Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Short Range Devices (SRD); Radio Equipment to be Used in the 25MHz to 1000MHz Frequency Range with Power Levels Ranging up to 500mW; Part 2: Harmonized En Covering Essential Requirements under Article 3.2 of the R&TTE Directive*
EN 60950-1, April 2006 + A11:2009+ A1:2010 + A12:2011:	*Information Technology Equipment - Safety - Part 1 : General Requirements*
EN 50581, September 2012 :	*Technical Documentation for the Assessment of Electrical and Electronic Products with Respect to the Restriction of Hazardous Substances*

Lippo di Calderara, March 29th , 2013

Ruggero Cacioppo
Quality & Reliability Manager - Europe

Ruggero Cacioppo

DATALOGIC

www.datalogic.com

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